

ECS Configuration Change Request

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Page(s)

1. Originator Wenhsing Yang	2. Log Date: 02-11-02	3. CCR #: 02-0112	4. Rev: -	5. Tel: 301-883-4071	6. Rm #: 3204C	7. Dept. DEV/DDM
8. CCR Title: To change sybase databases of second string servers to match Sun servers at PVC						
9. Originator Signature/Date Wenhsing Yang /s/ 2/11/02			10. Class IN	11. Type: CCR	12. Need Date: 2002-02-19	
13. Office Manager Signature/Date Arthur Cohen /s/ 2/11/02			14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted: 920-TDP-009			17. Schedule Impact: None		18. CI(s) Affected: INTHW, SPRHW, MHCI, PLNHW	
19. Release Affected by this Change: 6A		20. Date due to Customer: 2002-02-15		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Support Solaris 8 upgrade						
23. Problem: (use additional Sheets if necessary) Update database hardware mapping baseline of PVC Sun servers and change database sizes of the second string Sun servers to match the corresponding Sun servers at PVC for Solaris 8 upgrade transition						
24. Proposed Solution: (use additional sheets if necessary) Update database hardware mapping baseline of PVC Sun servers and change database sizes of the second string Sun servers to match the corresponding Sun servers at PVC for Solaris 8 upgrade transition						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The database hardware mapping baseline of PVC Sun servers is not accurate, and database sizes of the second string Sun servers do not match the corresponding Sun servers at PVC, and will cause problem for Solaris 8 upgrade transition						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 2/15/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Wenhsing Yang

Telephone: 301-883-4071 **Office:** 3204C

Title of Change: To change sybase databases of second string servers to match Sun servers at PVC

(1)
Create sybase devices on p2ins01_svr to match those on p0ins01_svr:

auditdev 800 MB on /data2/sybasedevices/sysaudits_dev
and
auditlog 50MB on /data2/sybasedevices/sysaudits_dev

(2)
Create sybase devices on p2ins02_svr to match those on p0ins02_svr:

auditdev 300 MB on /data2/sybasedevices/sysaudits_dev
and
auditlog 50MB on /data2/sybasedevices/sysaudits_dev

(3)
Create sybase devices on p2mss21_svr to match those on p0mss21_svr:

auditdev 800 MB on /dev/vx/rdisk/p2mss21dg/sysaudits_dev and
auditlog 50MB on /dev/vx/rdisk/p2mss21dg/sysaudits_dev

(4)
Create sybase devices on p2sps06_svr to match those on p0sps06_svr:

auditdev 800 MB on /usr/ecs/OPS/COTS/sybasedevices/sysaudits_dev and
auditlog 50MB on /usr/ecs/OPS/COTS/sybasedevices/sysaudits_dev

NOTE:

For the following steps please pay attention to the device fragments allocated for the databases. The purpose of matching exactly the same size/sequence/number of fragments for databases in corresponding servers is for successful transition during the Solaris 8 upgrade. After the second string Sun servers are upgraded to Solaris 8, the data from the corresponding PVC Sun servers are dumped and loaded to those on the second string servers.

The correct sequence of device fragments for a database can be displayed by the command below, which can be used to verify the database after altered:

```
SELECT dbid, convert(varchar(7), segmap) segmap, size, size/512.0 "size/512.0",  
       lstart, vstart, convert(varchar(20), d.name) "name", low, high,  
FROM master..sysusages u, master..sysdevices d  
WHERE dbid=5 and u.vstart between d.low and d.high  
ORDER by lstart
```

The dbid for SubServer on p0ins01_svr is 5.

There is script , /home/wyang/srvrdoc/srvrdoc920e_lstart, can also be used to generate a report for a sybase server and it's configuration including the databases and device allocations.

(5)
Alter databases on p2ins01_svr to match those on p0ins01_svr:
 SubServer
 SubServer_TS1

master
model
sybsecurity

(6)

Alter databases on p2ins02_srvr to match those on p0ins02_srvr:

model
sybsysemprocs
sybsecurity

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(7)

Alter databases on p2mss21_srvr to match those on p0mss21_srvr:

model
sybsecurity

(8)

Alter databases on p2pls02_srvr to match those on p0pls02_srvr:

master
model
sybsysemprocs

(9)

Alter databases on p2sps06_srvr to match those on p0sps06_srvr:

master
model
sybsecurity